EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"US 20060152548"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/11/20 11:32
S2	2	("20020012029").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 11:33
S4	2247	347/68.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 11:37
S5	792	347/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 11:38
S6	927	347/71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 11:38
S7	315	347/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 11:38
S8	3259	29/25.35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 11:38
S9	1053	29/890.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 11:49
S10	3	("2003/0117464").URPN.	USPAT	OR	ON	2008/11/20 14:29
S11	2	("2002/0051040").URPN.	USPAT	OR	ON	2008/11/20 14:29
S12	3	("6505919" | "6796640" | "6808254").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:29
S13	2	("6802597").URPN.	USPAT	OR	ON	2008/11/20 14:30

S14	2	("6390602" | "6502930"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:31
S15	1	("6796640").URPN.	USPAT	OR	ON	2008/11/20 14:31
S16	2	("20020051040" | "6209994").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:32
S17	3	("6767084").URPN.	USPAT	OR	ON	2008/11/20 14:32
S18	0	("6712456").URPN.	USPAT	OR	ON	2008/11/20 14:33
S19	3	("5446484" | "5513431" | "5530465").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:33
S20	37	("5754205").URPN.	USPAT	OR	ON	2008/11/20 14:34
S21	7	("3441754" | "3747120" | "3946398" | "4680595" | "5113204" | "5126618"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 14:37
S22	31	("5670999").URPN.	USPAT	OR	ON	2008/11/20 14:38
S23	5	("2002/0012029").URPN.	USPAT	OR	ON	2008/11/20 14:42
S24	6	pressure near chamber same (nozzle orifice) same (piezoelectric ferroelectric piezo PZT) near (element actuator device) same (diaphragm (vibration oscillation) adj plate) same sealing near (plate layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 14:45
S25	7	(piezoelectric ferroelectric piezo PZT) near (element actuator device) same (diaphragm (vibration oscillation) adj plate) same sealing near (plate layer) same (ink fluid liquid) near (chamber reservior manifold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 14:45
S26	328	pressure near chamber same (nozzle orifice) same (piezoelectric ferroelectric piezo PZT) near (element actuator device) same (diaphragm (vibration oscillation) adj plate) same (ink fluid liquid) near (chamber reservoir manifold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:06

S27	77	S4 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:07
S28	55	S5 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:07
S29	32	S6 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:07
S30	6	S7 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:07
S31	13	S8 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:08
S32	12	S9 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:09
S33	27	(piezoelectric ferroelectric piezo PZT) near (element actuator device) same (diaphragm (vibration oscillation) adj plate) same sealing near (plate layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:30
S34	52	(piezoelectric ferroelectric piezo PZT) near (element actuator device) same (diaphragm (vibration oscillation) adj plate) same sealing near (substrate plate layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:30
S35	774	216/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 15:49
S36	3	S26 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 16:07

S37	3	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 16:07
S38	2716	(manufacture$3 form$3) near (ink fluid liquid) near (jet$3 eject$3 record$3 discharge$3) near (head printhead print$3 adj head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 16:12
S39	105	S35 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 16:13
S40	2	S39 and seiko adj epson. as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 16:13
S41	214	S38 and seiko adj epson adj corporation.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 16:14
S42	2	JP-2002172776-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 16:40
S43	0	JP-0379350-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:07
S44	0	JP-379350-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:08
S45	0	JP-00379350-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:08
S46	2	JP-2002086738-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:08

S47	2	JP-10157124-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:09
S48	2	JP-11170528-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:09
S49	2	JP-10264383-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:10
S50	2	JP-05155023-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:10
S51	2	JP-11170533-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:11
S52	0	form$3 near mask same form$3 near (reservoir manifold) same remove$3 near mask same form$3 near protective adj film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:22
S53	0	form$3 near sealing near plate same form$3 near (ink fluid liquid) near (reservoir manifold) same form$3 near protective near (film layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:23
S54	0	form$3 near sealing near plate same form$3 near (ink fluid liquid) near (reservoir manifold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:24
S55	5	form$3 near (sealing cover) near (plate layer) same form$3 near (ink fluid liquid) near (reservoir manifold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:25
S56	15813	form$3 near (sealing cover) near (plate layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:26

S57	46	S4 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 17:26
S58	14	S5 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 18:27
S59	32	S6 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 18:28
S60	12	S7 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 18:30
S61	13	S8 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 18:31
S62	18	S9 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 18:32
S63	14	S35 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 18:33
S64	13	pressure near chamber same (piezoelectric ferroelectric piezo PZT) near (element actuator device) same sealing near (plate layer) same (manifold reservoir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 18:43
S65	3	("20020012029" | "5032895" | "5781220"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/20 18:45
S66	0	EP-0750990-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 11:47

S67	2	EP-750990-$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 11:47
S68	774	216/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 11:49
S69	2	flow adj (channel path passage) adj (plate substrate) same sealing adj (plate substrate layer) same (ink fluid liquid) adj (chamber manifold reservoir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 11:52
S70	0	flow near (channel path passage) near (plate substrate) same sealing near (plate substrate layer) same (manifold reservoir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 11:53
S71	10	flow adj (channel path passage) adj (plate substrate) same sealing adj (plate substrate layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 11:54
S72	5	S68 and sealing adj (plate substrate layer) same (ink fluid liquid) adj (chamber manifold reservoir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 11:57
S73	6	(sealing adj (plate substrate layer) with protective near (film layer)) same (ink fluid liquid) adj (chamber manifold reservoir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:08
S74	6	(ink fluid liquid) near (jet $3 eject$3 record$3 discharge$3) near (head printhead print$3 adj head) same (sealing near (plate substrate) with protect$3 near (film material layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:10
S75	2	("3790744" | "3909582"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 13:12

S76	386	(sealing near (plate substrate) with protect$3 near (film material layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:13
S77	4	S68 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:13
S78	2247	347/68.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:16
S79	2247	S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:16
S80	792	347/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:17
S81	792	S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:17
S82	927	347/71.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:17
S83	927	S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:17
S84	315	347/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:18
S85	315	S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:18

S86	3259	29/25.35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:18
S87	3259	S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:18
S88	1053	29/890.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:19
S89	1053	S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:19
S90	1	S76 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:19
S91	0	S76 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:20
S92	0	S76 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:20
S93	0	S76 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:20
S94	2	S76 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:20
S95	2	S76 and S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:20

S96	2	"20040134881".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:21
S97	5	"347"/$.ccls. and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:45
S98	7	"216"/$.ccls. and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 13:45
S99	2	"7381341".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/21 15:12
S100	7	("5922218" | "5956829" | "6109736" | "6332254" | "6334244" | "6345424" | "6382781").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/21 15:12

11/22/2008 9:31:11 AM
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